



Hi-Strength Spray Adhesive 90

Product Data Sheet

Updated : April 2020
Supersedes: January 2016

Product Description

An industrial grade spray adhesive that is typically used for bonding HPL to wood

Key Features

- A high strength, fast, contact-type adhesive
- Good adhesive for decorative laminates, particleboard, and many other materials, even polyethylene, polypropylene, and SBR rubber
- Good heat resistance
- Bond type: Permanent

Physical and Chemical Properties

	Synthetic Elastomer	Synthetic Elastomer
Physical State	Liquid	Liquid
Physical Form	Aerosol	Bulk
Appearance / Odour	Clear / solvent odour	Light Yellow / mild solvent
Colour	White	Light Yellow
Density (g/ml)	0.71	0.77
Viscosity	N/A	100 - 500 mPa-s
Volatile Organic Compounds (VOC) g/l	636 *	-
Flash Point	- 55 °C (TM: Tagliabue closed up)	- 40 °C (TM: Closed Cup)
Flammable Solvent	Yes	Yes
Flammable Propellant	Yes	Not Applicable

* Calculated using EU Definition

Application Ideas

- Bond decorative laminate to tables, cabinets and shelving
- Bond kick plates to office desks
- Adhere polyethylene, polypropylene to wood, metal and more
- Attach plastic sign lettering to wood

Directions for Use

Ensure all surfaces to be bonded are clean, dry and free from dust, oil or grease before application of adhesive.

Ensure that the nozzle points away from all persons and towards the surface to be sprayed. Turn the spray tip to select the desired spray width.

Shake the can well before using, 5 - 10 seconds should be sufficient.

Hold the can 15 to 20 cm from the surface to be sprayed.

A narrowing of the pattern will occur if held more than 20 cm from the surface to be sprayed.

For Strong Permanent Bonds:

Spray both surfaces to be bonded and allow a minimum of 30 seconds drying time before assembly.

NOTE:

When bonding expanded polystyrene foam, leave surface open for about 10 minutes to allow most of the solvent to escape before making a bond.

To prevent nozzle from blocking, at the end of each day turn the can upside down and press tip until spray is clear from adhesive and wipe tip.

Precautionary Information

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.

For information please contact your local 3M Office.

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Storage & Shelf Life

Store product at 16°C – 27°C for maximum storage life in a well-ventilated place. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a “first in-first out” basis

For Aerosol Form:

When stored at the recommended conditions in original, unopened container, this product has a shelf life of 24 months from date of production.

For Bulk Form:

When stored at the recommended conditions in original, unopened container, this product has a shelf life of 12 months from date of production.

Protect from sunlight and store away from heat.

Waste Treatment

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans.

Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

For Additional Information

To request additional product information or to arrange for sales assistance, call.....

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3M United Kingdom PLC,
3M Centre, Cain Road, Bracknell,
Berkshire RG12 8HT
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